

Abstract

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- The invention relates to a method for automatically generating software in which the properties of an application made possible by the software are modelled
- 10 in abstract form and then mechanically converted into software for this application, while the execution of the application influences a technical system optionally made up of a plurality of systems. It is proposed that at least one of the following additional elements is
- 15 generated in a totally integrated multi-objective form from the modelled description of the application together with the application source code or together with the source information suitable for producing this source code, namely:
- 20 - software for visualising and/or logging and/or remotely monitoring/operating the application and/or the technical system;
- software for simulating the application and/or the technical system;
- 25 - software and/or information for communicating within the application and/or with other systems and/or between split systems and
- documentation for the user and/or the programmer.